## Do-now:

1. Take out "Properties of Planes" observation sheet from Friday.

Continue recording your observations.
2. Take out HW (from blue book). I will walk around and check for it.

## \#1



If a plane intersects two parallel planes, then the intersection is two parallel lines.

## \#2



If two planes are perpendicular to the same line, they are parallel.

## \#3



The intersection of two planes is a line.

If two lines are perpendicular to
 the same plane, then the lines are coplanar.


If a line is perpendicular to a plane, then every plane containing the line is perpendicular to the given plane.

1hrough a given point there passes one and only one plane perpendicular to a given line.

1'hrough a given point there passes one and only one line perpendicular to a given plane.
\#6
If two lines are parallel and a line is perpendicular to one of the lines, then that line is perpendicular to both lines.

